PHILIPS

21ST2730 21ST2731
25ST2760 25ST2761
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PHILIPS

Introduction

This handbook will help you with the installation and operation of your TV set.

It is recommended that you first study its contents that you may derive full benefit from the features and optimum performance of your receiver.

This TV set is part of a new generation of sets. Consequently, it incorporates the latest advances in technology and offers you several possibilities of use some of them being accessed via ***menus.***

Menus are displayed on the screen as a list of words in relation with the ***functions of your TV set.***
These words shall be selected to access other menus or to perform some adjustments.

Menus are displayed on the screen whenever you require by pressing a special remote control key.

The use of menus enables the remote control to be simplified by reducing the number of keys and eases certain use or programming operations.

N°3111 255 4320.3

The stripe at the top of the page enables you to identify the chapter.

About this handbook

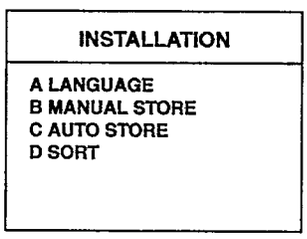
This handbook includes **FIVE** parts:

Installation, Operation, Connection of peripheral equipment, Tips and Index and Menus.

Installation

This chapter enables you to proceed with the installation of your TV set.
All the adjustments listed in this chapter must be performed before you can use your TV set.

To this end, follow all instructions of the **INSTALLATION MENU**..... ➡

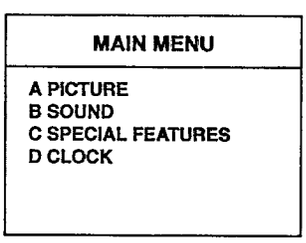


Operation

Once all adjustments of the installation chapter have been performed, you may use your TV set.

Some adjustments as well as some functions are used with the **MAIN MENU**..... ➡

Other functions do not use the menus, but only one of the remote control keys.



Connection of other peripheral equipment

This chapter enables you to connect, and to select various peripheral equipment such as video recorder, headphone, decoder... to your TV set.

Tips

This chapter will help you if you have difficulties in using your TV set.

Index and menus

This chapter will help you if you have difficulties in using this handbook.

○ : This small circle in front of a sentence indicates that you have something to do.
▷ : This arrow in front of a sentence indicates the result of your action.

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I - INSTALLATION - Setting up -

1 - Installation of the TV set

Place the TV on a solid and steady surface.
For ventilation, leave a space of at least 5 cm free all around the set.

This TV requires a mains voltage of 220V - 240 V - 50 Hz.
Insert the aerial plug into the aerial socket on the back of the TV.

Warning! *An aerial of poor quality, in poor condition or badly oriented in relation to the local transmitter is often the cause of picture or sound disturbances. A poor-quality sound or picture may also be due to an aerial cable in poor condition or of poor quality.*

Warning

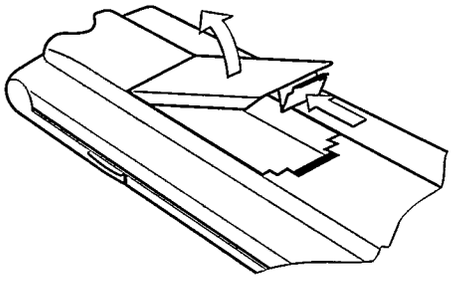
In case of storm, it is advisable to unplug the TV set from its external aerial in order to avoid any possible damage to certain sensitive components.

Never stand pot plants or flower vases on the TV. Water spillage may cause serious damage.

If you have to transport your TV set, it is advisable to use its original packing for optimum protection.

2 - Remote Control

Remove the cover of the battery compartment on the back of the remote control.
Insert the 2 batteries supplied.
Click the cover back into place.
Go on to **3.**



The two alkaline batteries used are the LR 03 - 1.5 V type.

Follow the direction of installation which is indicated on the bottom of the battery compartment.

Battery consumption depends upon remote control utilization.

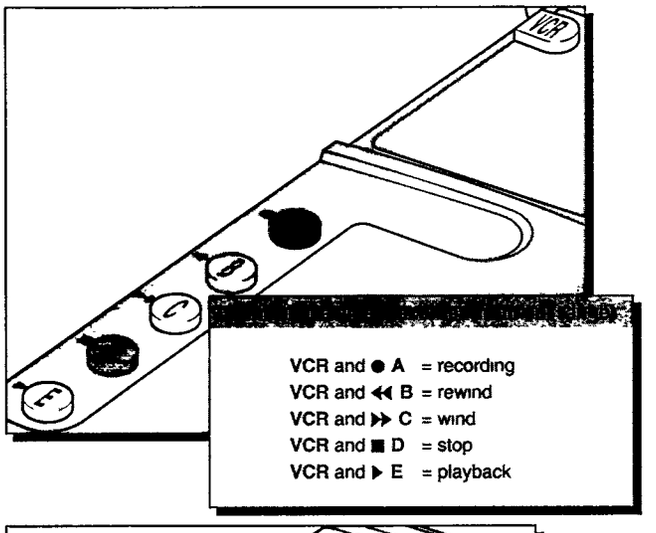
Warning

Never leave run-down batteries in the compartment; remove them even if you are not going to use the remote control for some time.

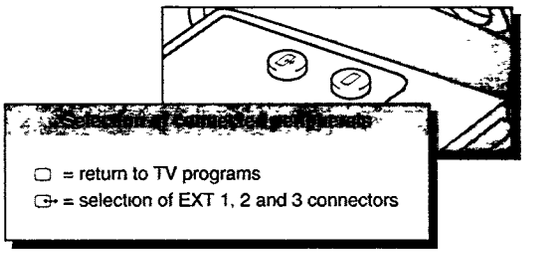
When batteries are flat, do not throw them into a fire because they might explode.
If you use batteries containing mercury, do not forget to return them to the supplier when they are flat: he has to take care of the recovery of these batteries in order to avoid any pollution hazards.

I - INSTALLATION - Setting up -

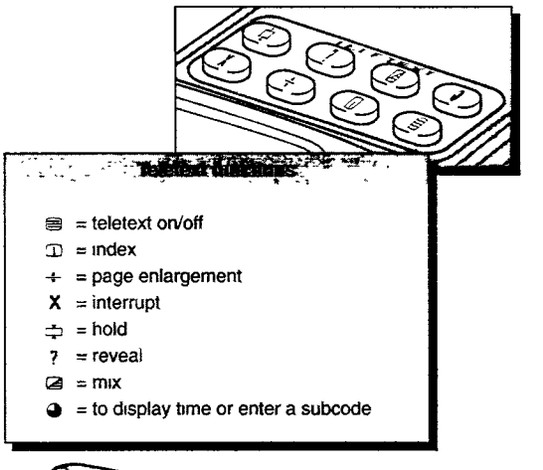
(contd.)



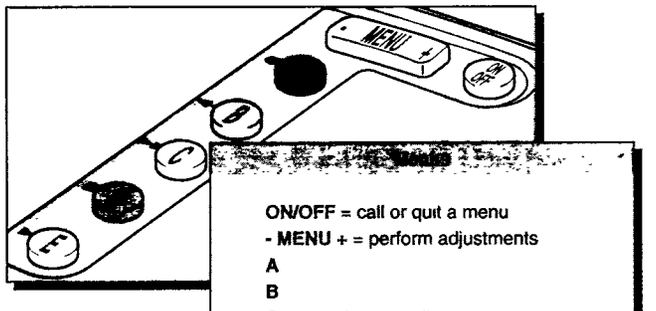
VCR and ● A = recording
VCR and ◀◀ B = rewind
VCR and ▶▶ C = wind
VCR and ■ D = stop
VCR and ▶ E = playback



= return to TV programs
= selection of EXT 1, 2 and 3 connectors

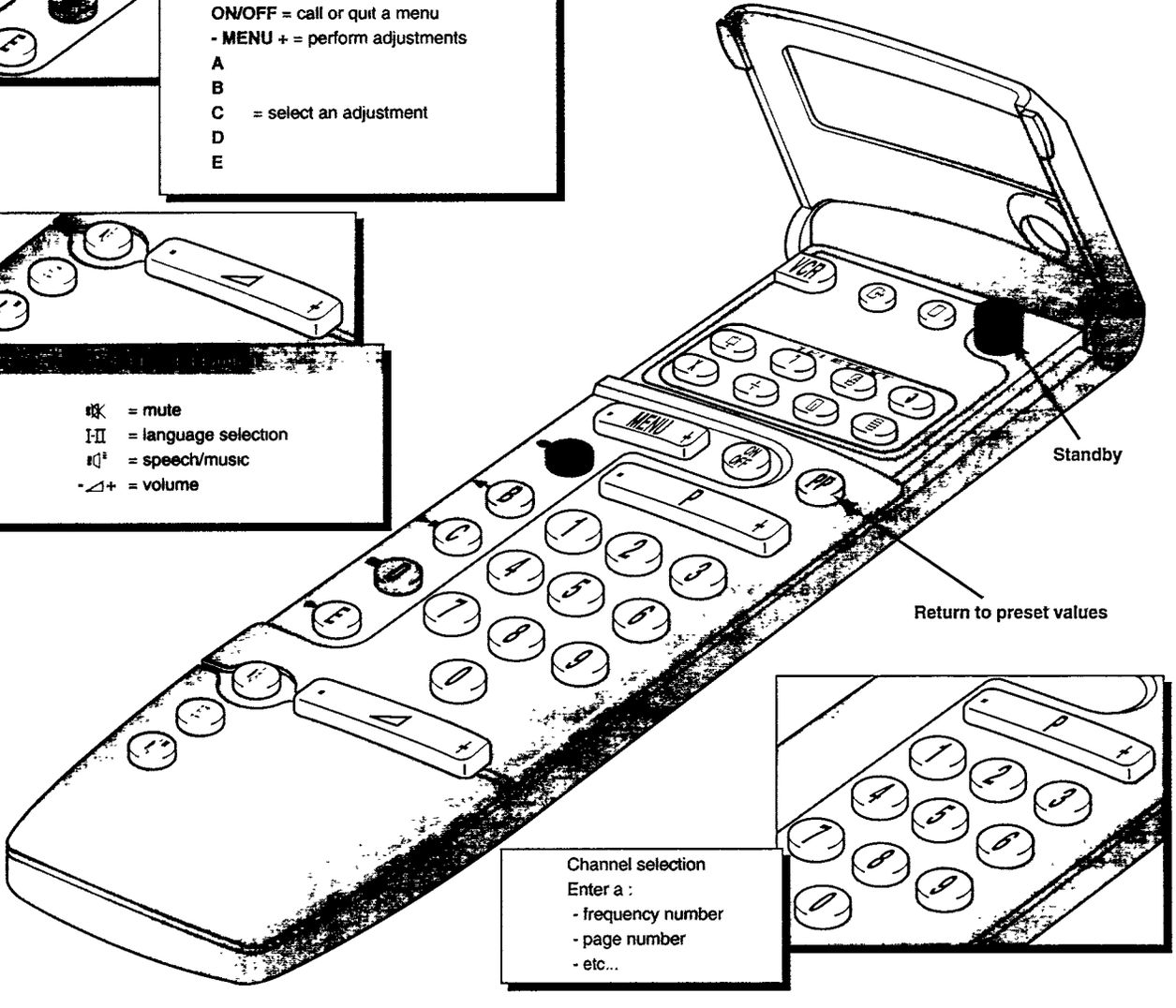


= teletext on/off
= index
= page enlargement
X = interrupt
= hold
? = reveal
= mix
= to display time or enter a subcode



ON/OFF = call or quit a menu
- MENU + = perform adjustments
A
B
C = select an adjustment
D
E

= mute
I-II = language selection
= speech/music
- + = volume



Standby

Return to preset values

Channel selection
Enter a :
- frequency number
- page number
- etc...

I - INSTALLATION - Setting up -

(contd.)

3 - Switching the TV on and off

○ Press the switch ① on the front of your TV set.
▷ A green or red lamp lights up.

Green : The TV is switched on and the screen lights up.
Go on to **4.**

Red : The TV is switched on but the screen remains dark. Your TV is on standby.
○ Press one of the numbered keys on the remote control.
▷ The screen lights up.
Go on to **4.**

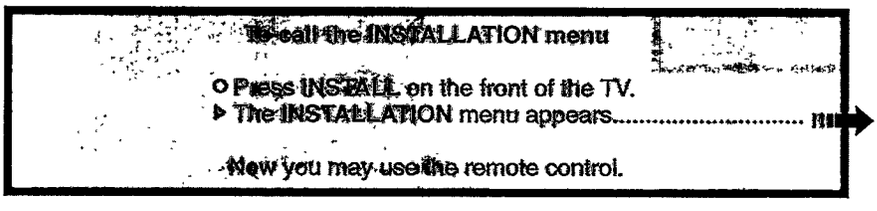
The lamp on the TV becomes orange and flashes when you use the remote control, enabling you to check its operation as well as the battery condition.

4 - Selecting the menu language

With this TV set, you may choose between **several languages** for the **various adjustment and operation menus** to be called up on your screen.

You can select ENGLISH or any of the other languages from the language menus.

Open the panel which hides the television control switches.


To call the INSTALLATION menu
○ Press INSTALL on the front of the TV.
▷ The INSTALLATION menu appears.
Now you may use the remote control.

INSTALLATION
A LANGUAGE B MANUAL STORE C AUTO STORE D SORT

*If **LOCK** appears on the screen for a few moments, then your TV set has been programmed for exclusive use of the remote control. (See **SPECIAL FEATURES**)*

○ Press the red key Ⓐ.
▷ The first language menu appears.
○ Press the coloured key (Ⓐ,Ⓑ,Ⓒ or Ⓓ) corresponding to your language choice.

○ Press the white key Ⓔ if no language suits you.
▷ A second menu appears.
○ Press the coloured key corresponding to your language choice.

From now on, all menus will be displayed in the chosen language.

Go on to **5.**

In case of error or problem; switch your TV set off and on again and repeat paragraph 4 operations.

I - INSTALLATION - Setting up -

(contd.)

5 - Searching for and storing TV channels

After you have selected your menu language,
you have to search for and store your TV channels.

The **INSTALLATION** menu offers the possibility to search for and store the TV channels in two different ways: **Automatically or manually.**

1 - Manual store :

for each program, perform the following steps

step b - searching for a TV channel
step c - entering a program number
step d - storing TV channels

Go on to page 8.

2 - Automatic store :

the operations described for the manual search are performed automatically, but you will have to perform a final sorting. If you want to use this option.

Go on to page 10.

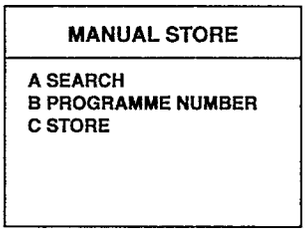
I - INSTALLATION - Setting up -

(contd.)

1 - MANUAL SEARCH AND STORE

Now follow the instructions below
accurately and **step by step.**
You have to go through every step.
Repeat all the steps for each television channel.

○ Press the green key Ⓑ for **MANUAL STORE.**
▷ The **MANUAL STORE** menu appears.....



Go on to step **b.**

step b - Searching for a TV channel

Automatic search

The TV itself searches for the channel.

○ Press the red key Ⓐ.
▷ The TV set is searching for a channel and stops when it is found.
The frequency which is displayed on the screen indicates that the TV set is searching for a channel. When a channel is found, the picture becomes stable as well as the frequency number of this channel. You may then store the channel after having allocated any number you want for it.

Go on to steps **c and d** if you want to store the selected channel.
If you want to search for another channel or if the picture is of poor quality:
○ Press again red key Ⓐ.

Fine tuning:

You may improve the reception of a TV channel by adjusting the fine tuning with the −MENU+ key of the remote control.

Note: *You also may enter the frequency number corresponding to the transmitter which broadcasts the channel you want to receive (see page 27 (Tips)).*

I - INSTALLATION - Setting up -

(contd.)

step C - Entering a program number

With the number you have selected, you can call up again the TV program you are watching once installation is completed.
Identify the channel corresponding to the program you are watching in any "TV program guide".

Now you have to assign a number to the received television channel.
This way, you may decide upon the order of all your channels.

○ Press green key Ⓑ.

Enter the program number as follows:

Example 1 : One-digit program number (eg. : 5)
- ○ Press once key number 5 on the remote control.
- ▷ " P 5 - " appears.
- ▷ Wait a few moments, " P 5 - " becomes " P 5 ".

Example 2 : Two-digit program number (eg. : 55)
- ○ Press twice on key number 5 on the remote control.
- ▷ " P 55 " appears.

To obtain a program with two digits, you should add the second figure before the second hyphen disappears.

○ Program numbers may be entered directly as described above. Alternatively, pressing the −MENU+ key will make the number count up or down. Release the key when the required number appears.

step d - Storing TV channels

The channel found and selected channel number shall be stored.

○ Press the yellow key Ⓒ.
▷ **PROGRAM STORED** appears.

step e - Search for other channels

To search for and store other channels:

○ Repeat steps **b, c, and d.**

To quit the INSTALLATION menu

When you have finished locating TV channels, you have to exit from the INSTALLATION menu.

○ Press ON.OFF twice on the remote control.

I - INSTALLATION - Setting up -

(contd.)

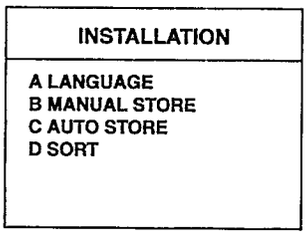
2 - AUTOMATIC SEARCH AND STORE

The selection of **AUTO STORE** enables you to automatically search for and store channels, thus avoiding steps a, b, c, d, e of the manual search menu, but you have to perform a final sorting.

To call of the INSTALLATION menu

- Press **INSTALL** on the front of the TV.
- ▷ The **INSTALLATION** menu appears.....

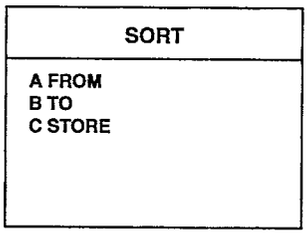
Now you may use the remote control.



Press yellow key Ⓒ.
The TV starts searching for all channels on the available system(s) of your TV set.

Your TV can store up to 60 channels (from 0 to 59 **PROGRAM**).
The channels are stored starting with number 59, then 58, 57, etc., until all channels of your region are found.

Sorting
According to the number of channels that your aerial can receive, the search will take more or less time (several minutes).
Wait until the sorting menu is displayed.....



*The **SORTING** menu enables you to modify the allocation of channel numbers which was determined during automatic search.*

To modify a channel number, proceed as in the following example:
You wish to transfer channel 59 to the position of channel 1; proceed as follows:

- Press red key Ⓐ
- Enter 59
- Press green key Ⓑ
- Enter 1
- Press yellow key Ⓒ

Repeat the sequence until all channels have the desired number.

You can directly enter channel numbers with the numbered keys, but also with the [-MENU+] key of the remote control.

To quit the INSTALLATION menu

When you have finished locating TV channels, you have to exit from the **INSTALLATION** menu.

- Press **ON.OFF** twice on the remote control.

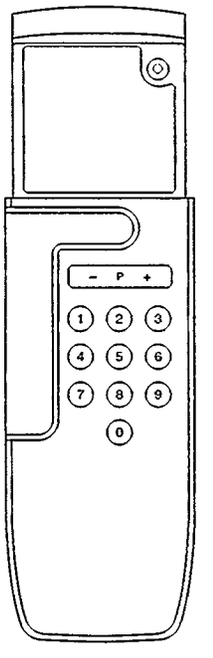
[redacted] control -

After the installation is complete
you can operate the TV with the remote control.

The TV lamp becomes orange and flashes every time you use the remote control, thus enabling you to check its operation and the condition of its batteries.

Switching the TV on and off

- Press ⏻ key on the front of your TV to switch it on or off.
- ▷ A green lamp lights up when the TV is on. A program number appears on the screen. If a red lamp lights up then your TV is on standby.
- Press one of the numbered keys on the remote control.
- ▷ The screen lights up.



Standby

With the standby key you can temporarily switch off the TV.

- Press key ⏻ of the remote control.
- ▷ The red lamp lights up.

If the set is to be lest unattended for a long period switch off using the ⏻ key on the TV.

If for a period of 15 minutes no aerial signal is received (end of broadcast), then your set automatically switches off. The red lamp indicates it is on standby.

Selecting TV channels

With the remote control

Enter the program number as follows:

Example 1 : One-digit program number (eg. : 5)
- Press once key number 5 on the remote control.
- ▷ " **5 -** " appears, the TV set switches over to program 5.
- ▷ Wait a few moments, " **5 -** " becomes " **5** ".

Example 2 : Two-digit program number (eg. : 55)
- Press twice on key number 5 on the remote control.
- ▷ " **55** " appears.

To obtain a program with two digits, you should add the second figure before the second hyphen disappears.

- Program numbers may be entered directly as described above. Alternatively, pressing the [- P +] key will make the number count up or down. Release the key when the required number appears.

On the TV

- Use the **PROGRAM** + or - keys of your TV to select another channel.

*When the **LOCK** function is on, these keys are disabled.*
*On the other hand, the **LOCK** message will appear for a few moments when you use the television keys, but it will remain on standby (see **SPECIAL FEATURES** paragraph).*
*If you want the program number to remain on the screen, see **MAIN MENU, SPECIAL FEATURES, DISPLAY PROG NR.***

Sound adjustment

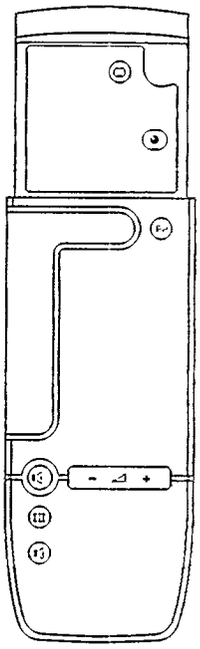
Volume control

With the remote control:

○ Press - ◿ +.

With the TV set:

○ The **VOLUME** + or - keys are used to adjust the volume.



*When the **LOCK** function is on, these keys are disabled.*
*On the other hand, the **LOCK** message will appear for a few moments when you use the television keys, but it will remain on standby (see **SPECIAL FEATURES** paragraph).*

Mute key

○ Press 🔇.
▷ 🔇 appears on the screen and the sound is temporarily interrupted.
○ Do you want the sound back ?, press 🔇 again.

Speech/music

With this key you can :
- suppress the lower tones (**speech position**)
- restore the lower tones (**music position**)

Speech position : ○ Press the 🔊 key
▷ The 🔊 indication appears for a moment.

Return to music position : ○ Press the 🔊 key
▷ The ♫ indication appears for a moment.

*Other sound adjustments may be performed by means of the **MAIN MENU**.*

Bilingual Broadcast

If you are watching a TV channel which is being broadcast in two languages, then I or II appears.
You have the possibility of selecting the language you wish to hear.

○ Press once or twice key I-II to select it.

Stereo/Mono Broadcast

If the **STEREO** sound quality is not satisfactory, you can improve it by changing the listening mode from **STEREO** to **MONO**.

○ Press the I-II key.
▷ STEREO appears in **RED** ⇨ **MONO**
○ Press the I-II key again.
▷ STEREO appears in **GREEN** ⇨ **STEREO**

Personal preferences

You may immediately return to the factory-preset picture and sound adjustments, or to the adjustments you have stored via the **SPECIAL FEATURES** menu,

○ Press key **PP** of the remote control.

Time

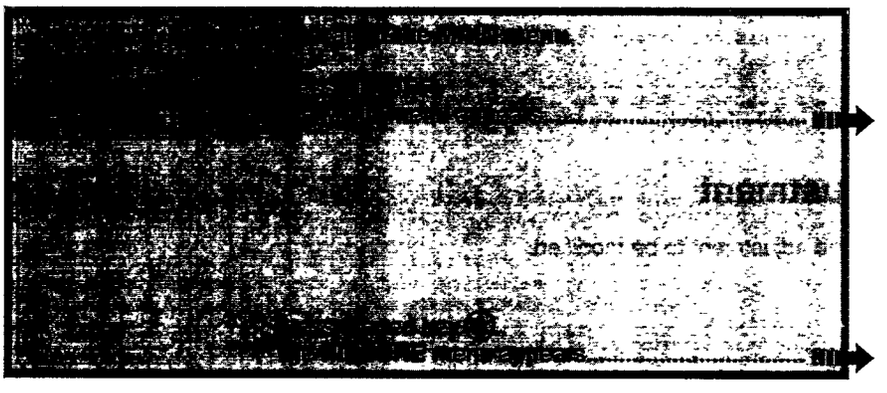
The time can only be called up if the TV channel you are watching is also broadcasting teletext, and if your TV is equipped with Teletext option.
○ Lift the remote control flap
○ Press ◕.
▷ The time appears.
○ Press ◕ again in order to remove the time display.

Use the keys shown in the drawing to operate the **MAIN MENU**.

With the **MAIN MENU**, you can:

- adjust picture and sound,
- store the picture and sound adjustments,
- select the channel number display,
- lock the TV set,
- select an automatic start-up time,
- select an automatic channel change time,
- select an operating time before automatic switch off (standby).

Adjusting the picture



MAIN MENU
A PICTURE B SOUND C SPECIAL FEATURES D CLOCK

PICTURE MENU
A BRIGHTNESS B COLOUR C CONTRAST D SCREEN SIZE

Brightness, Colour, Contrast

- Press one of the coloured keys to select the adjustment to be modified.
- Press [−MENU+] to modify the adjustment.
- Press another coloured key for another ajustment.

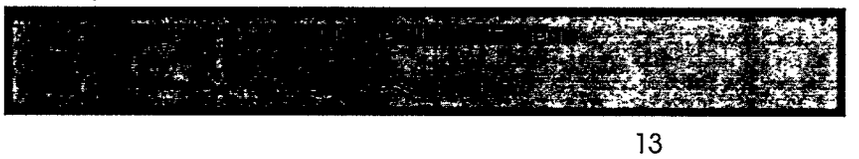
Compression of the picture

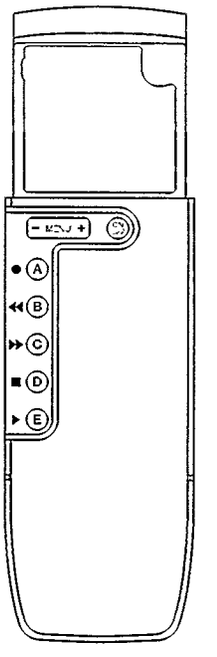
In the future, films and other new programmes will be broadcast in a 16/9 wide screen format.

The D2Mac satellite programmes recorded on a video recorder in a wide screen format may be reproduced on a normal TV screen in a conventional format.

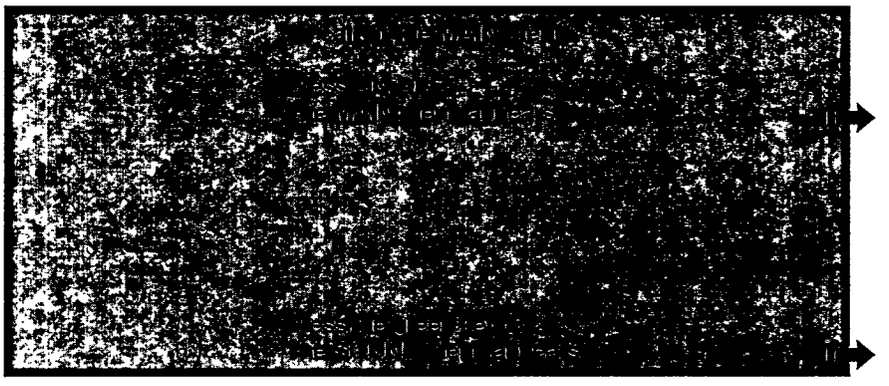
- Press the blue key Ⓓ.
- ▷ The **NORMAL** or **WIDE** indication appears.
- Press [−MENU+] to obtain a correct picture.

When you change channel, the 16/9e format is unlocked and the picture returns to the conventional format.





Adjusting the sound

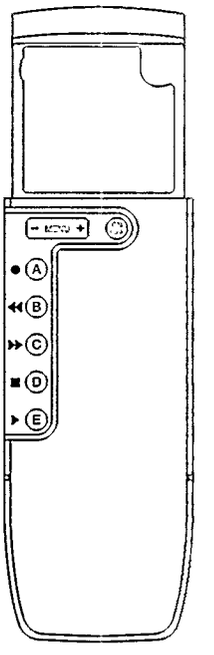


MAIN MENU
A PICTURE B SOUND C SPECIAL FEATURES D CLOCK

SOUND
A BALANCE B TREBLE C BASS D SPATIAL SOUND

Balance, treble, bass adjustment

- Press one of the coloured keys to select the adjustment to be modified.
- Press [–MENU+] to adjust.

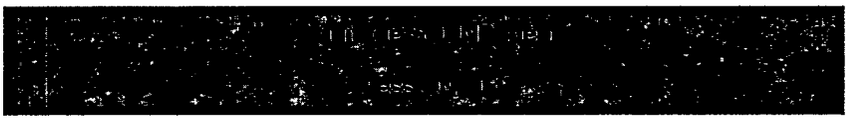


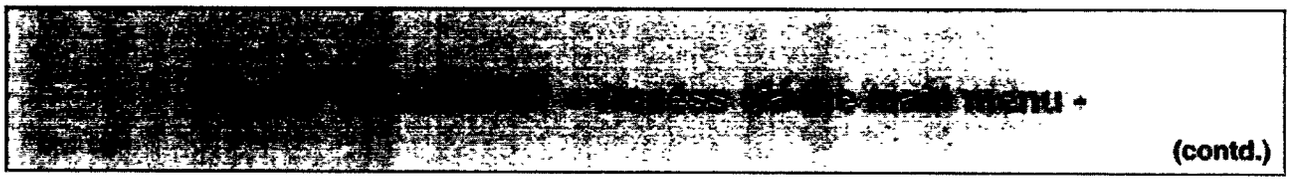
Spatial sound adjustment

When **SPATIAL** is **ON**, the loudspeakers seem to be further apart.

- Press the blue key Ⓓ, **OFF** or **ON** appears.
- Press [–MENU+] to switch the spatial sound on or off.

Do you want to store the picture and sound adjustments (except mode and spatial)?, go to **SPECIAL FEATURES** menu.





Special features

With this menu, you can:

- lock your TV set,
- select program number display,
- store picture and sound adjustments.

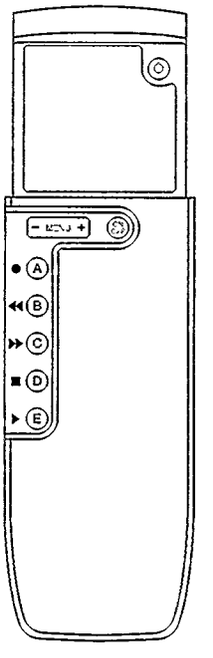
MAIN MENU
A PICTURE B SOUND C SPECIAL FEATURES D CLOCK

SPECIAL FEATURES
A LOCK B DISPLAY PROG NR C PERS. PREFERENCE

Lock

The **LOCK** function may be selected to prevent unauthorised use of your TV (e.g. by children).
When **LOCK** is **ON**, the keys on the TV set are disabled and the remote control becomes necessary to switch on, by pressing one of the digit keys.

- Press the red key Ⓐ.
- Press [−MENU+] to switch the **LOCK** mode **ON** or **OFF**.
  If you have selected **ON**, you need only use the ⏻ key to switch your TV set off.



Program number display (DISPLAY PROG NR)

When the program number display is **ON**, it remains on the screen in the upper right-hand corner.

- Press the green key Ⓑ.
- Press [−MENU+] to enable or cancel number display.
  - **ON** = display.
  - **OFF** = no display.

Storage of your adjustments (PERS. PREFERENCE)

To store the sound and picture adjustments, press **PERS. PREFERENCE**.

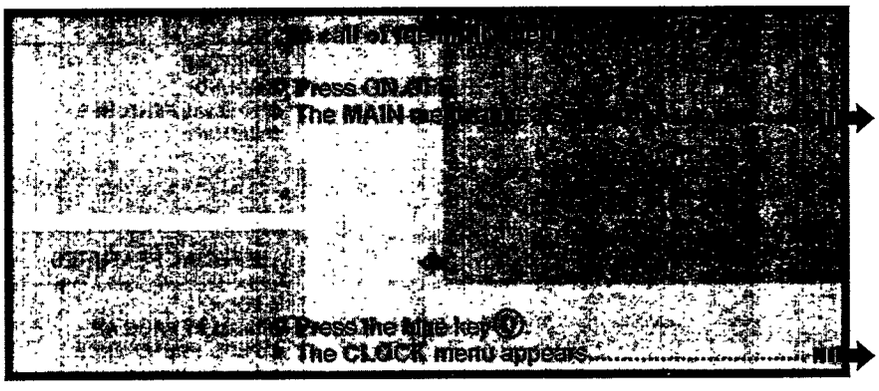
- Press the yellow key Ⓒ.
- ▷ The **OFF** message appears.
- Press [−MENU+] to store your adjustments.
- ▷ The **STORED** message appears.

Clock

With the clock menu, you can:

- choose the automatic switch-on time;
- choose the automatic channel change time;
- select the operating time before automatic switch off.

1 - Automatic switch-on or automatic channel change



MAIN MENU
A PICTURE B SOUND C SPECIAL FEATURES D CLOCK

CLOCK
A SET CLOCK B SWITCH-ON TIME C PROGRAMME NUMBER D ON/OFF E SLEEPTIMER

Clock setting.
- Press the red key Ⓐ.

The setting is made by using the digit keys of the remote control, for instance:
Enter 0915 for 9:15 am.
With [-MENU+] you can adjust the time minute by minute.

Selection of the switch-on or channel change time
- Press the green key Ⓑ.

The switch-on time setting is made by using the digit keys of the remote control for instance:
Enter 1300 for 1:00 pm.
With [-MENU+] you can adjust the time minute by minute.

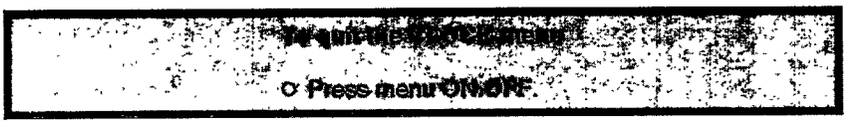
Program selection
- Press the yellow key Ⓒ.
- Enter the number of the channel with the numbered keys on the remote control.

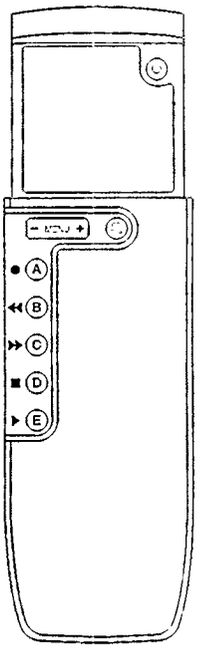
Selection confirm
- Press the blue key Ⓓ.

▷ **ON** or **OFF** appears.

If you wish **to automatically change the channel**
- Confirm your selections by pressing [-MENU+] so that **ON** appears.

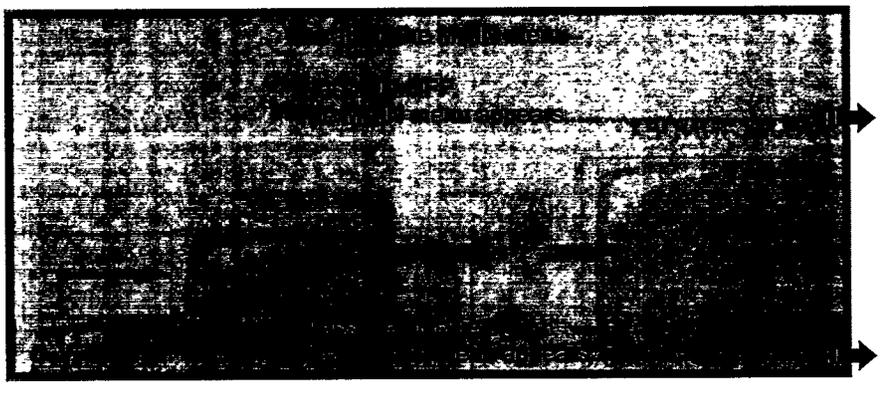
If you wish **to automatically switch on the TV**
- Confirm your selections by pressing [-MENU+] so that **ON** appears.
- Then press the ⏻ key on the remote control to put the TV set on standby.





This function enables you to set your TV in automatic standby after a time you select (maximum 90 minutes).
This function is very useful for persons who fall asleep watching TV.

2 - Automatic switch-off

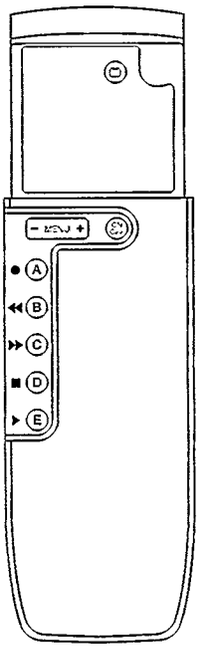


MAIN MENU
A PICTURE B SOUND C SPECIAL FEATURES D CLOCK

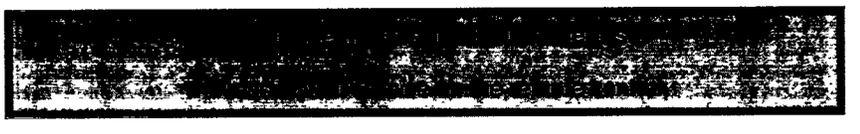
CLOCK
A SET CLOCK B SWITCH-ON TIME C PROGRAMME NUMBER D ON/OFF E SLEEPTIMER

Press white key Ⓔ.
The indication **00** appears.

Press on [−MENU+] to select the time before switch-off, in 15-minute steps.

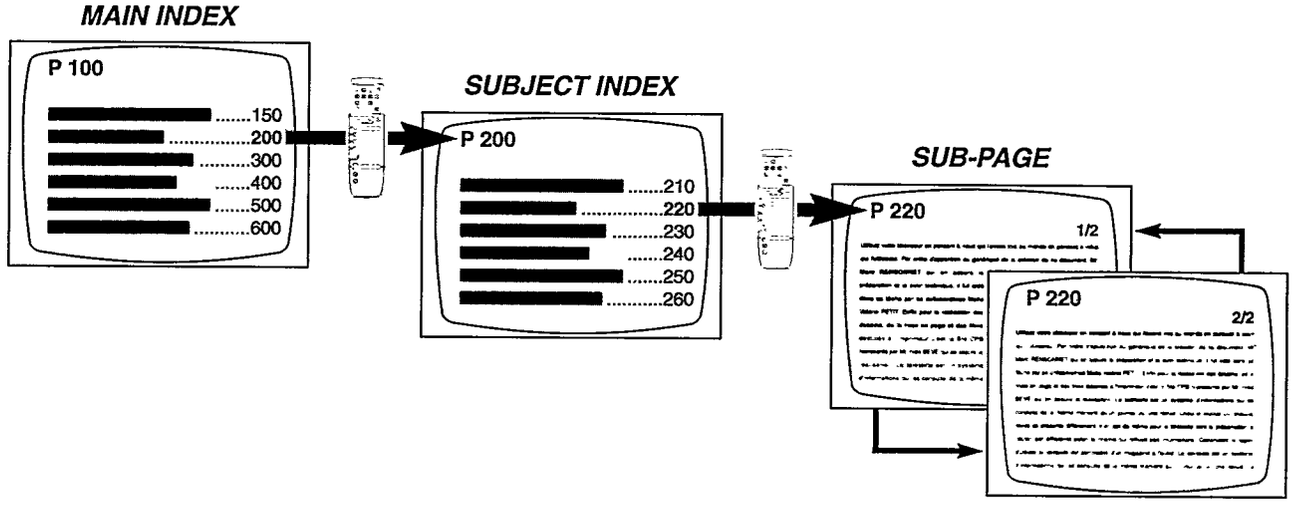


You can check the remaining time before switch-off by pressing the ▢ key of the remote control.
If you want to cancel automatic switch-off, you can switch off and then switch on again your TV, or set the timer to ***00.***



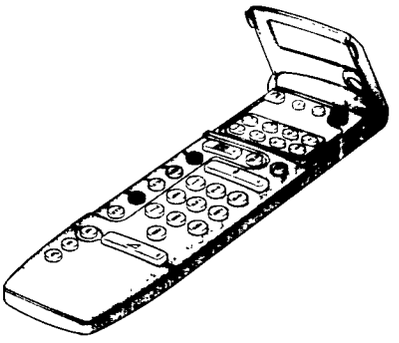
The description of the teletext functions only apply to TV sets equipped with a teletext decoder.

The teletext is an information system which can be consulted the same way as a newspaper or a magazine. Each newspaper or magazine is different, it is the same for the teletext whose screen display is different according to the channel broadcasting information. Yet the way you use the teletext is similar from one magazine to the other. You have to select a heading, a theme in a heading, or a page in a theme. The teletext contents are to be found most often on page 100.

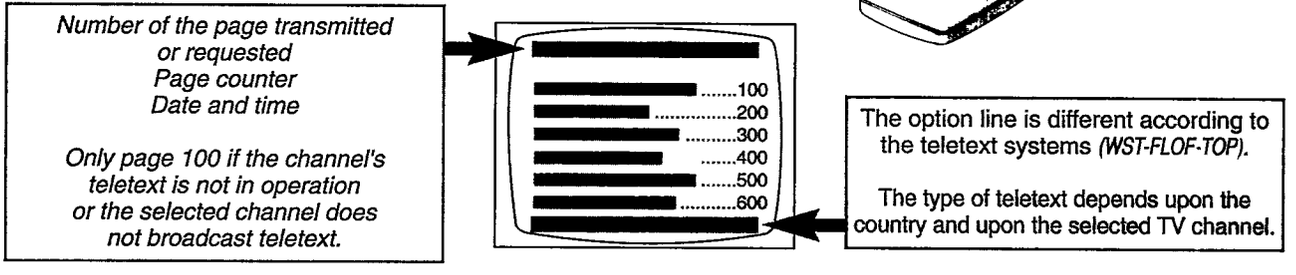


Switching Teletext On and Off

When the teletext is on, it is not possible to use the menus or change channel.



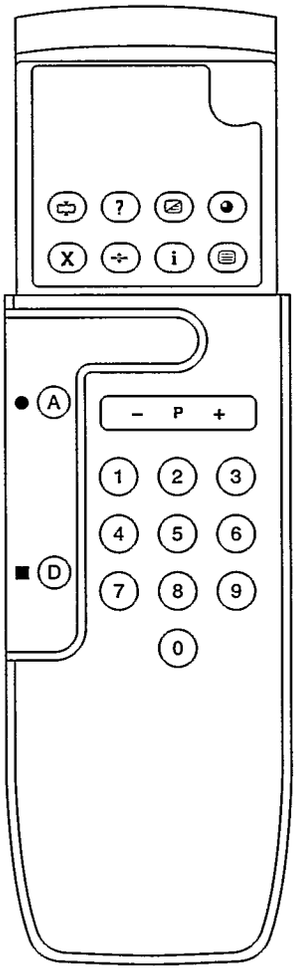
- Select the TV channel for the desired teletext broadcast.
- Lift the remote control flap.
- Press key ⊜ in order to switch on the teletext.
- ▷ The contents appear on the screen together with an information line at the top and an options line at the bottom.


Number of the page transmitted or requested
Page counter
Date and time
Only page 100 if the channel's teletext is not in operation or the selected channel does not broadcast teletext.
.....100
.....200
.....300
.....400
.....500
.....600
The option line is different according to the teletext systems (WST-FLOF-TOP).
The type of teletext depends upon the country and upon the selected TV channel.

- Press ⊜ again in order to switch off the teletext.

Selecting a Teletext Page

Direct page selection



○ Enter the desired page number with the remote control digit keys.
The number of pages always includes 3 digits.
▷ The page counter seeks the page.
If the counter keeps searching,
then the page is not available or does not exist.

If you have entered an incorrect number, P?.. appears.
First fill out the number with random figures and then enter the correct page number.

Selection with the options line

Signs - and + of the options line enable you to browse the teletext by selecting the previous or next page with red key Ⓐ or blue key Ⓓ of the remote control.
Certain teletext systems allow you to have a quicker access to some pages; in this case, the section names are displayed in the option lines.
○ Select the desired subject,
with the corresponding coloured key.

Return to the index

○ Press key ⓘ.
▷ The index appears on the screen.

Hold

A teletext page sometimes consists of several rotating sub-pages which are automatically displayed in turn.
The indication 2/4 enables you to know the total number of sub-pages (here: 4) and indicates the number of the sub-page displayed (here: 2).

○ Press ⇆ in order to hold a page.
▷ :⇆ appears in the information line.
The information in this page is not being updated any more.

○ Press ⇆ again.
▷ The page rotation resumes.

Special functions

To obtain and hold a sub-page

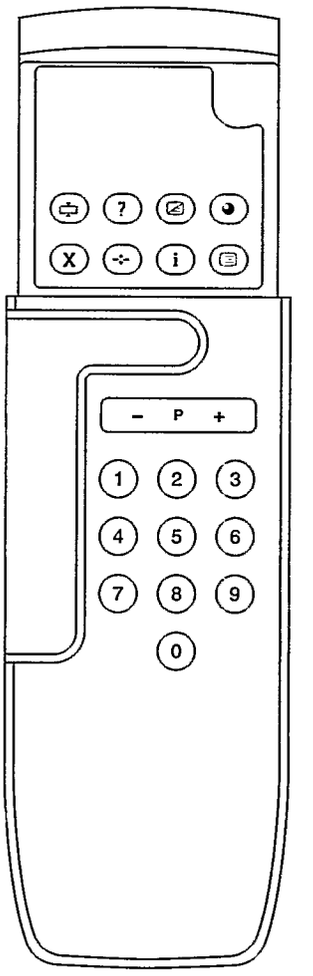
When a teletext page consists of several rotating sug-pages, you can obtain and hold one of them by proceeding as follows:

- First enter the number of the subject page.
- Then press ◕.
- Enter the four digit number of the required sub-page.
  Example: 0002 for page 2/4.

In the meantime :

- Press **X**.
- ▷ The TV channel broastcasts reappear on the screen.
- ▷ The indication ⛁ indicates that you are still in teletext mode.
- ▷ As soon as the sub-page is found, the information line appears,
- then press **X** to display the requested sub-page.

- Press ◕ to return to normal teletext operation.



Reveal

Some pages contain concealed information, such as solutions to riddles and puzzles.

- Press ? to call up concealed information.
- Press ? again in order to switch off the concealed information.

To temporary interrupt the teletext display

The search for a page may sometimes be quite long.
In the meantime,
you may return to the TV broadcast.

- Press **X**.
- ▷ The TV broadcast reappears on the screen.
- ▷ The indication ⛁ means that you are still in teletext mode.
- You may choose a page number before going back to the broadcast in progress.
  As soon as the page is found,
- ▷ the infomation line reappears on top of the screen.
- Press **X**.
- ▷ The teletext page is entirely displayed.

Overlay of the teletext on the TV image (mix)

- Press ⧄, when a teletext page is on the screen.
- ▷ The teletext page is superimposed on the TV program on the screen.
- Press again ⧄.
- ▷ Only the teletext page is displayed.

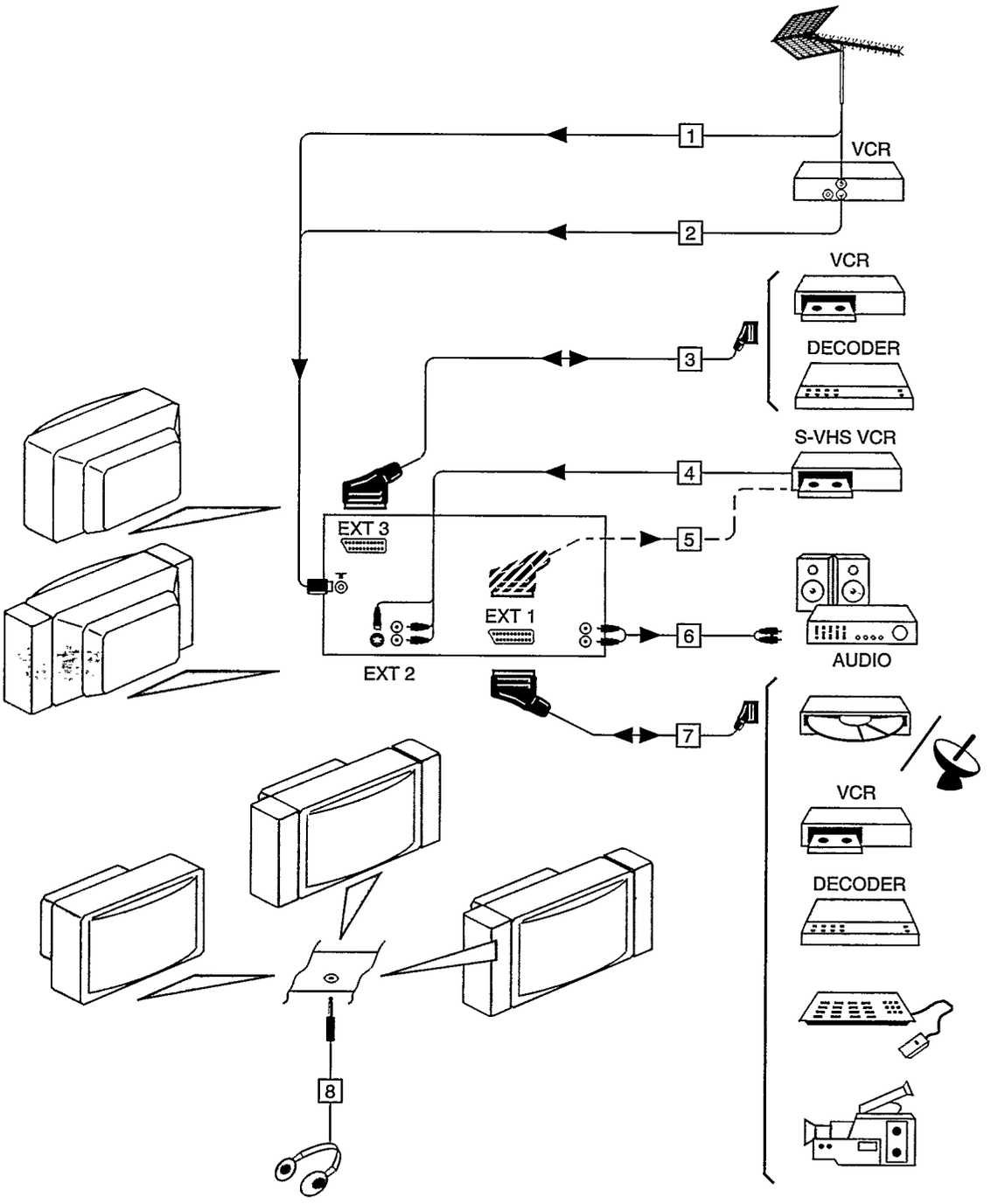
Enlarge

- Press ÷ to enlarge the top half of the teletext page.
- Press ÷ again to enlarge the bottom half of the teletext page.
- Press once more to return to normal page size.

[redacted]EQUIPMENT

According to the type of your TV set, a number of devices can be connected
that depends on the connection inputs at the back of your TV set (EXT 1, 2 or 3).

The connection diagram shows you the type of device you may connect.
It corresponds to the TV set equipped with all input sockets.



Connection diagram

- Video recorder - video games -

Socket used .....Aerial
Linking cord.....Aerial coaxial cable, 75 ohms
Connection diagram.....Refer to **idents 1 and 2 page 21**

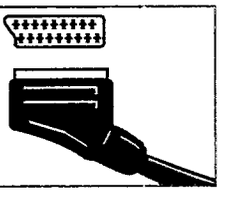
- Unplug the aerial plug from the ⊓ socket on your TV, and insert it into the ⊓ input of your video recorder.
- Connect the aerial cable supplied with the video recorder to the ⊓ output of the VCR, and to the ⊓ input of your TV.
  - Switch on your video recorder and set it as follows:

    *Look for the video recorder test channel in the operating manual. Now search tune for the test signal of your VCR on your TV and assign a program number to it. Refer to the **INSTALLATION** menu for searching and storing this signal.*

  - *Record this number. You will need it when you use your video recorder.*

- VHS or HI 8 video recorder - portable video camera - satellite receiver - decoder - audio CD or CDV player - video games

Socket used .....Euroconnector EXT 1 (RGB signals)
Linking cord.....Eurocable
Connection diagram.....Refer to **idents 1 and 7 page 21**

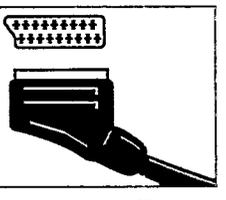


You can purchase a Eurocable at your retailer.
The hook, located on the right-hand side of the socket, is to secure the cable.

- Plug the Eurocable into the Euroconnector of your peripheral and the **EXT 1** socket of the TV set.

If you have several devices of this type

Sockets used.....Euroconnector EXT 1 and EXT 3 (video)
Linking cords.....Eurocables
Connection diagram.....Refer to **idents 1, 3 and 7 page 21**



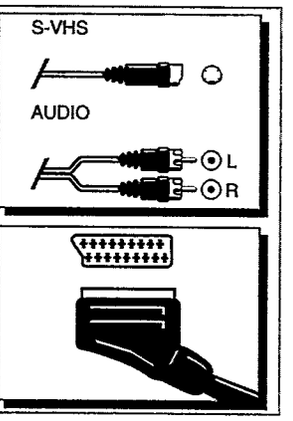
- Plug one of these devices into socket **EXT 1** of the TV set: **Video recorder, portable video camera, satellite receiver, descrambler, CDV player, games...**
- Plug one of these devices into socket **EXT 3** of the TV set: **Video recorder, descrambler.**

S-VHS video recorder

playback

Sockets used .....S-connector and Cinch EXT 2 (playback)
Euroconnector EXT 1 or 3 (recording)
Connecting cables .....Eurocable (recording)
S VHS cable (playback)
Connection diagram.....Refer to **idents 4 and 5 page 21**

recording



Recording

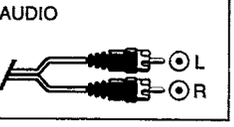
- Plug the Eurocable into the Euroconnector socket of your video recorder and to **EXT 1** or **3** socket of the TV set.

Playback

- Plug the S-VHS cable to S-VHS input (video - S-connector), and to inputs **L** and **R** (audio - Cinch socket) of your TV.

Audio amplifier

Sockets used.....Cinch (audio outputs)
Connecting cables.....Audio cable
Connection diagram .....Refer to **ident 6 page 21**



- Connect audio plugs into audio input of your system and audio outputs **L** and **R** of your TV set.
- ▷ The sound of the selected channel from your TV is reproduced by your amplifier.

Headphones

Sockets used.....Jack diameter 3.5 mm
Headphone.....The Headphone shall have an impedance from 8 to 600 ohms
Connection diagram .....Refer to **ident 8 page 21**

- Open the panel which hides the control switches at the front of the TV set.
- Insert the plug into the headphone socket ∩.
- ▷ The internal loudspeakers of your TV are switched off.
- Control volume with the - ◿ + key.

To reproduce picture and sound

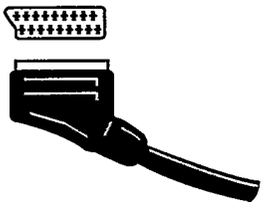
Equipment connected with an aerial cable

(ident 1 or 2)

- Switch on your TV and the connected peripheral equipment.
- With the digit keys,
  select the channel you have assigned to the connected peripheral.
  This is the number under which you have stored the test signal of the equipment.
- ▷ The picture from the equipment is reproduced.
- To go back to the TV picture, press the desired channel key.

Equipment connected with a Eurocable

(EXT 1 or 3 connectors - ident 3 or 7)



- Switch on your TV and the connected peripheral equipment.
- Press key ⊡→ of the remote control several times in order to select the socket on which the equipment is connected.
- ▷ The indication **EXT 1** or **EXT 3** will be displayed according to the selected socket.
- ▷ The picture from the connected equipment is then reproduced.

*Most of the devices which are connected to sockets **EXT 1** and **EXT 3** will perform the selection themselves as soon as they are switched on.*
*When the two connectors are used, connector **EXT 1** has priority.*
This means that your TV set will reproduce the picture from the equipment connected to this socket.
*The selection of **EXT 3** remains possible if you use key ⊡→ of the remote control.*

- To go back to the TV picture, press key ▢ of the remote control.

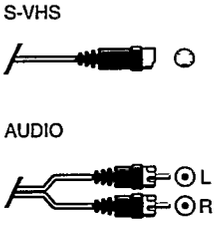
S-VHS video recorder connected with S-VHS cables

(connectors EXT 2 - idents 4 and 5)

Ident **4** for reproduction (see diagram page 21).
Ident **5** for recording (see diagram page 21).

Switch on your TV set and your video recorder.

- Press key ⊡→ several times in order to select connector **EXT 2**.
- ▷ The indication **EXT 2** will appear when the connector is selected.
- ▷ The recorded broadcast or film will appear on the screen when playback is selected on the video recorder.



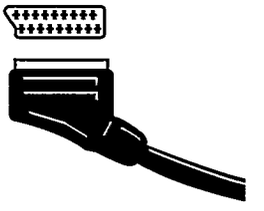
To record

Video recorder and TV set only linked by aerial cables

- Select the channel number you wish to record on the videorecorder.
- Press the videorecorder record key.

In this case, you can record a program on a channel while watching another program on another channel.

Video recorder and TV set only linked with a Eurocable

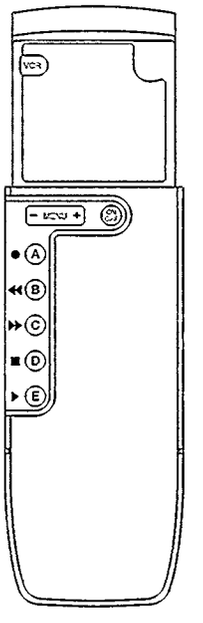


- Select the channel number on your TV set.
- Select the socket corresponding to the connection with the TV on the videorecorder (usually **EXT**).
- Press the video recorder record key.

In case of a problem, refer to the operating manual of your video recorder.

In this case, the recorded program will be that of the selected TV channel.

Using your Video recorder with the TV remote control



The TV set's remote control enables you to use some of the audio and video equipment which makes up our product range.

To use this remote control, proceed as follows :

- Lift the remote control flap.
- Press simultaneously the VCR key and one of the following keys to:

Ⓐ : Record a program.

Ⓑ : Rewind a cassette, without display.

Ⓒ : Wind a cassette, without display.

Ⓓ : Stop a cassette.

Ⓔ : Play back a cassette.

IV - TIPS

Poor picture

The causes for a picture with a poor quality may be the following:

The aerial receives interference.
The aerial is misoriented with reference to the transmitter.
You are in the vicinity of buildings or mountains (ghost images).
⇨ Modify the orientation of the external aerial.
Check if the correct frequency has been set or improve the frequency adjustment.
Brightness or contrast are maladjusted.
⇨ Press green key **PP**.

No picture

The causes for no picture may be the following:

The aerial plug is disconnected from the aerial socket.
The equipment connected to the TV is not in operating order (Is there a cassette? Is it in operation?)
You did not select the right device with the remote control; repeat.
Did you press ▢ after having switched your teletext on?
The locking function is activated, and therefore TV keys can not be used.
(See main menu, special features).

No sound or poor sound

The mute key 🔇 was used, the indication 🔇 is displayed on the screen.
If you do not get any stereophonic effect (only one loudspeaker is in operation),
the balance is disadjusted (see the **SOUND** menu).

Locking

Use of the locking function associated to the programmed start-up function,
enables you to determine the time from which children are permitted to watch their program.

Remote control

The TV set does not react with the remote control, the orange light on the TV does not blink anymore:
maybe the remote control batteries are flat.

Menu

Did you choose the menu you wanted ?
Press **ON.OFF** in order to erase the displayed menu, then call up another menu by pressing **ON.OFF**.
Menus are automatically displayed one after the other:
the TV set is in "demonstration" mode, switch off, then switch on again.

Demonstration mode

If you wish to browse through all menus in order to get used to them:
Simultaneously press **PROGRAM +** and **VOLUME -** keys of the TV set.
The **DEMO** message appears, then the menus are displayed one after the other.
To stop menu scrolling, set the TV on standby.

IV - TIPS

(contd.)

Direct entry of a transmitter frequency

With this function, it is possible to enter the frequency number
of the transmitter which broadcasts the channel you wish to receive.

In fact, each TV channel broadcasts its programs on a particular frequency and in a particular frequency band.
If you know the frequency, you can directly key it in and thus call the corresponding TV channel.
If you only know the channel, refer to the "Frequency-Channel" cross-reference table in the document appended to this manual of directions for use.
Enter the three digits of the desired frequency with the digit keys of the remote control.

In order to enter the frequency number, you have to previously call the **INSTALLATION** menu (see page 6), then the **MANUAL STORE** menu.

For frequencies below 100 MHz, enter three digits:
example: for 63 MHz, enter 063.

Go on to steps **c and d** if you want to store the selected channel.

Ask your retailer if you wish to obtain more detailed information.

Did you enter a wrong number?
Complete the frequency number with any digits and repeat the operation.

Connections

Check the connections of associated equipment.
Is the equipment you wish to use switched on?

Still no result?

Ask your retailer's after-sales service.

Warning: If one of the following symptoms appears,
switch off your TV and call for the after-sales service.

- a white horizontal line appears across the screen.
- the TV lamps blink without using the remote control.
- a meaningless message appears in the lower left-hand corner of the screen.

In any case, never try to repair your TV set yourself.

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- teletext page.....19-20
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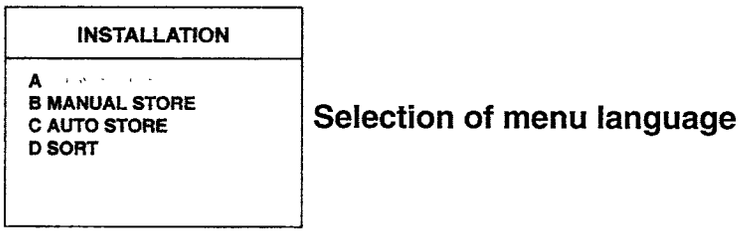
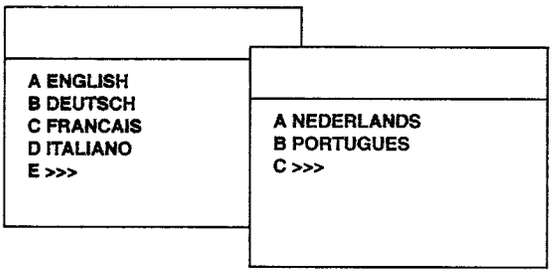
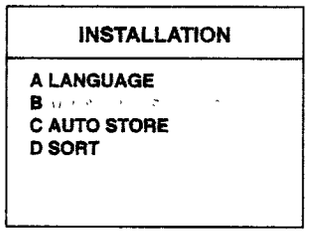
Your TV's installation menus

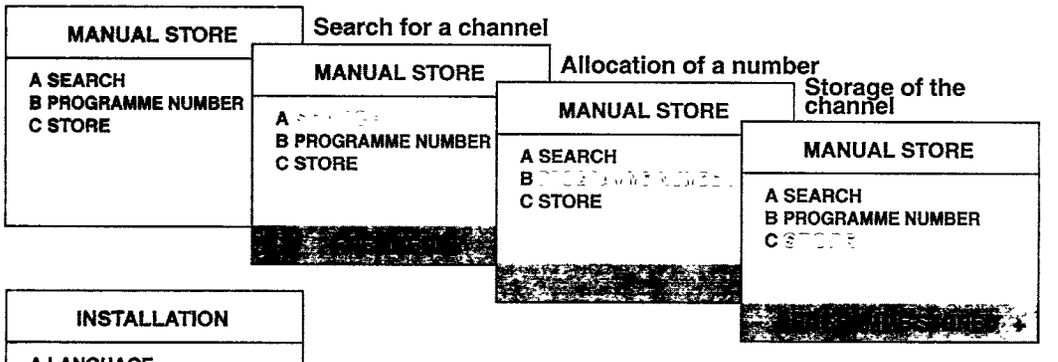


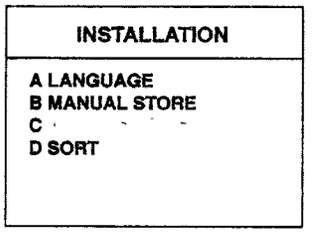
Selection of menu language



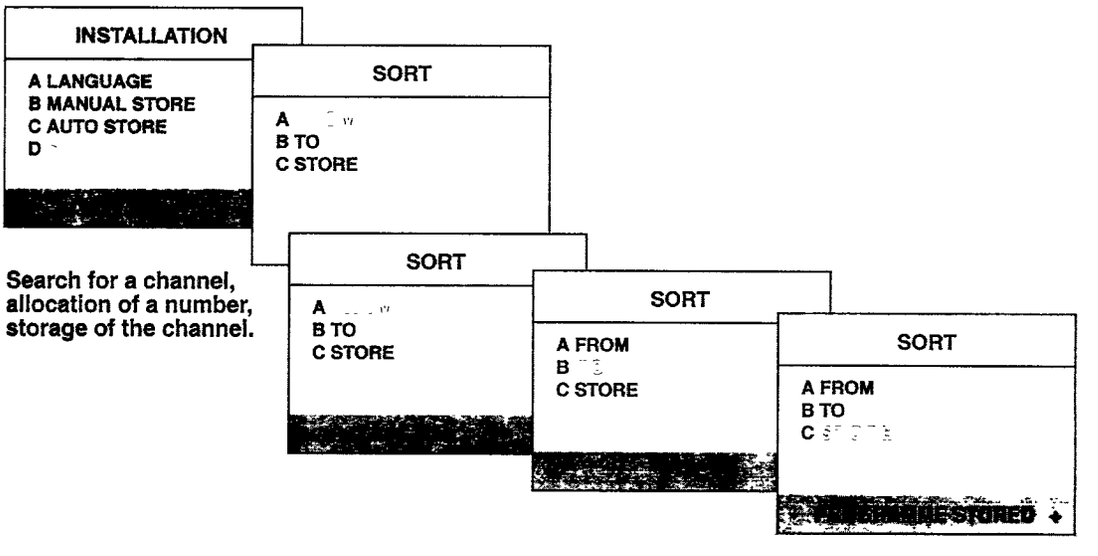


Manual procedure



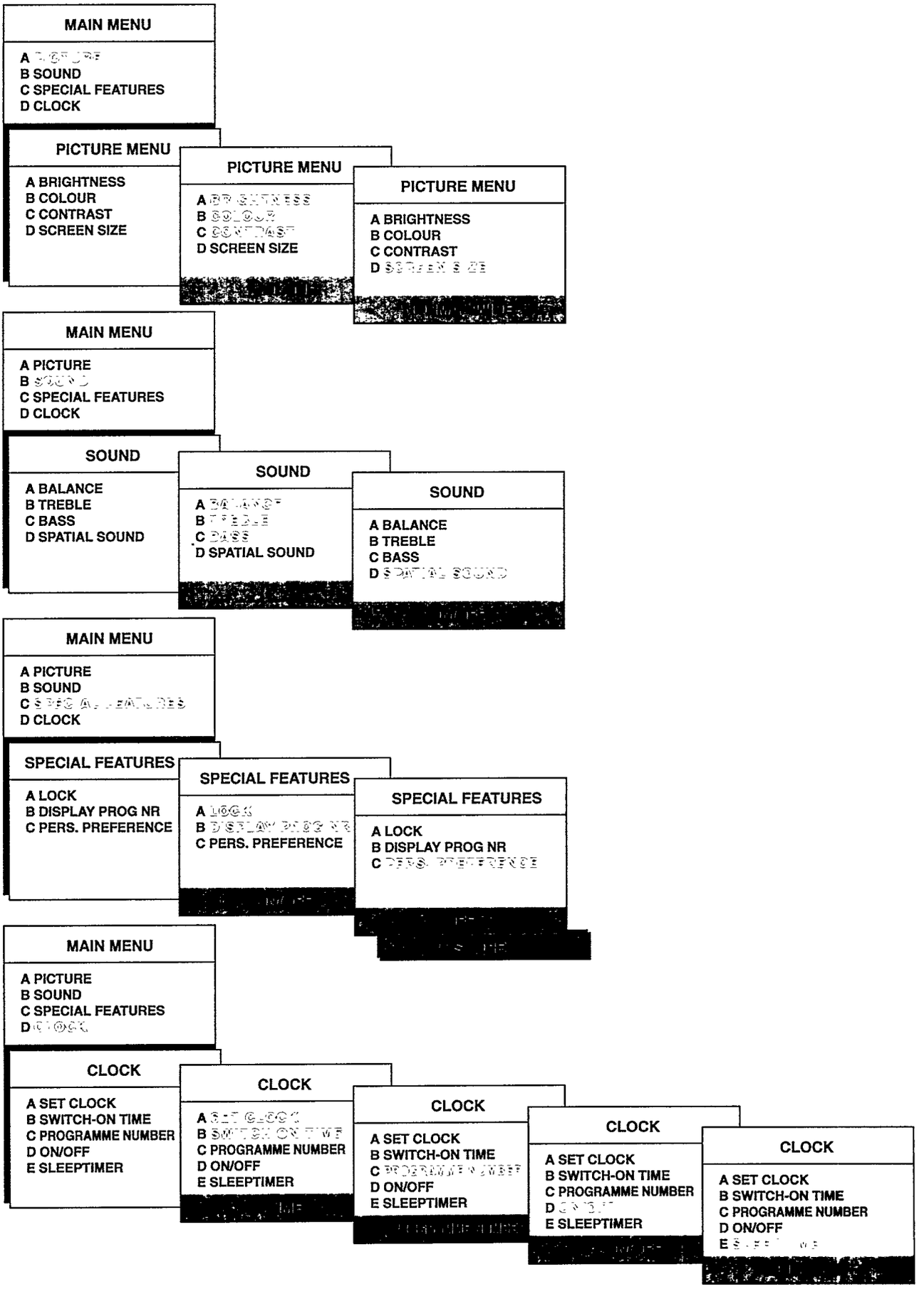


Automatic procedure



Search for a channel, allocation of a number, storage of the channel.

Your TV's operation menus



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